# DILHARA NAVODI *IT Undergraduate*

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## PROFILE

Motivated and detail-oriented 4th-year IT undergraduate at General Sir John Kotelawala Defence University with a strong foundation in Software Quality Assurance, web development, and software engineering principles. Experienced in manual and basic automated testing, bug reporting, and UI/UX validation through academic and group projects. Skilled in problem-solving, collaborative teamwork, and adapting to dynamic technical environments. Eager to contribute to innovative software development and testing projects while continuously expanding technical and professional competencies.

## EDUCATION

**01/2022 – 12/2025**  
Ratmalana, Sri Lanka

**BSc in Information Technology**  
*General Sir John Kotelawala Defence University*  
A comprehensive program covering software development, system analysis, project management, and quality assurance, with hands-on experience in real-world IT projects.

## TECHNICAL SKILLS

**Languages**  
JavaScript, Java, HTML, CSS, Python

**Frameworks**  
MERN Stack, Flutter

**Testing Tools**  
Manual Testing, Test Case Writing, Bug Reporting

**Development Tools**  
Git, Visual Studio Code

**Concepts**  
SDLC, STLC, Agile, Scrum

## PROJECTS

**2023**

**Eco Agri Market Management System**  
*QA Role*  
Contributed to a 2-year group project using the MERN stack Performed manual testing, documented bugs, and collaborated with developers to ensure functional accuracy and consistent UI/UX across all modules.

**2023**

**Grocery App**  
*Flutter*  
Built a mobile grocery shopping app using Flutter. Focused on front-end development and focused on UI testing and functionality of product listings and cart. Ensured app responsiveness and user-friendly navigation.

**2024**

**Crystal Beauty – E-commerce Website**  
*MERN Stack*  
Developed a cosmetic e-commerce site using the MERN stack. Conducted functional testing on cart and checkout features, identifying and fixing bugs to enhance performance and usability.

**2025**

**Smart Tea Trend Analysis and Management System**  
*Final Year Project*  
Used AI (LSTM, CNN) to predict export trends, detect tea leaf diseases, assess quality, and manage tea collection via a centralized web platform.

## CERTIFICATES

- Computer Application Assistant NVQ Level 3 – VTA, 2021
- Web Design for Beginners – University of Moratuwa
- Python for Beginners – University of Moratuwa
- Scrum Master Certification – Coursera
- Foundations of Project Management – University of Moratuwa
- CSS, Bootstrap, JavaScript, PHP – Udemy

## LANGUAGES

**Sinhala** — Native/Bilingual  
**English** — Fluent

## REFERENCES

**Mr. TWA Kalpana Pramodya**, *DevOps Engineer,* IFS  
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**Ms. WJ Samaraweera**, *Lecturer,* Kotelawala Defence University  
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